

# Gathright Dam Stakeholders Meeting

Norfolk District

05 June 2019

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®

US Army Corps of Engineers  
**BUILDING STRONG**®



# WCM – What is it? & Why is it important?

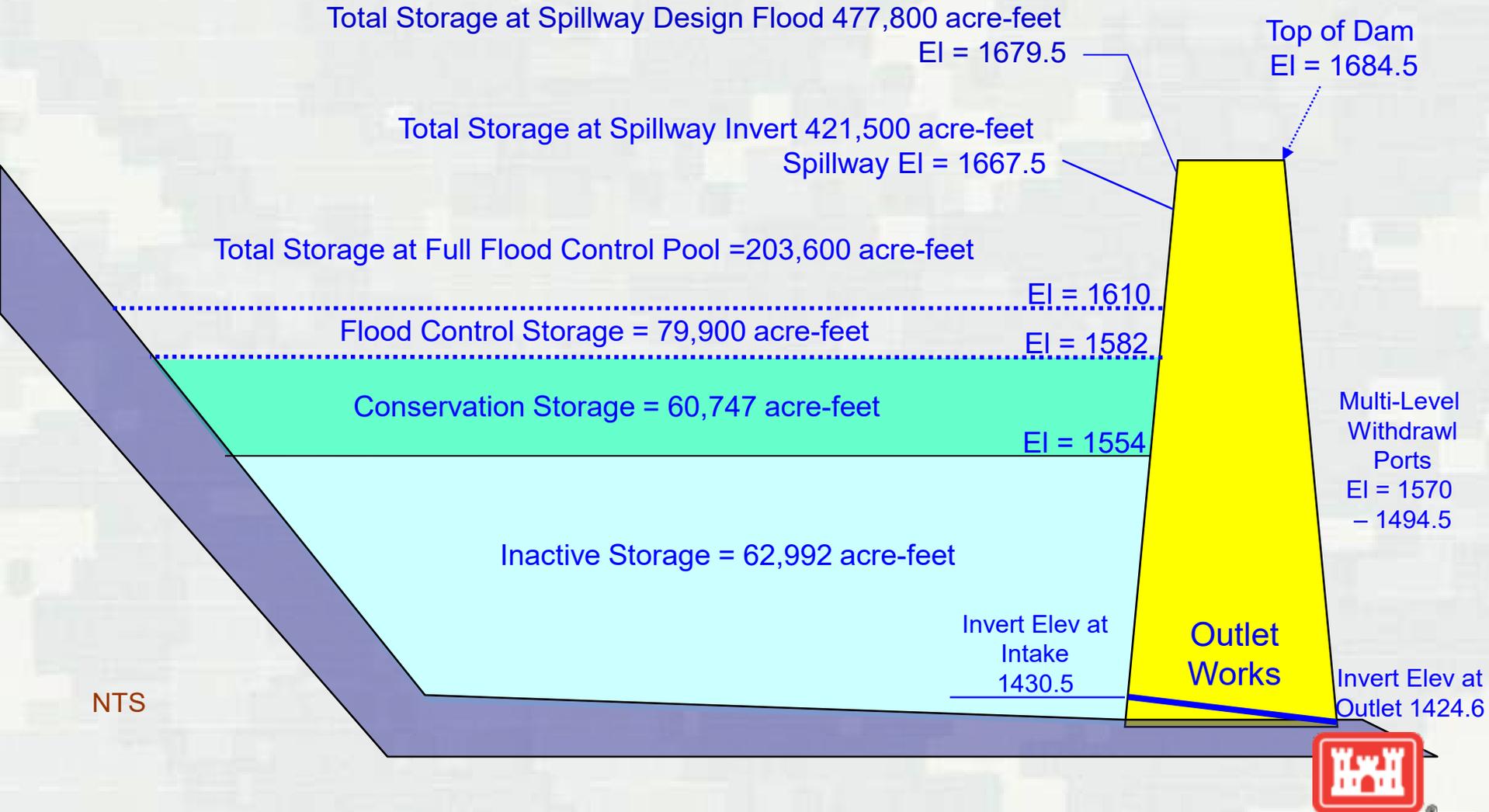
- **Water Control Management is the regulation of Gathright Dam to accomplish authorized Project Purposes**

## Project Purpose:

- **Flood Control – Protection of industrial, commercial and residential properties along the Jackson and James Rivers with immediate impact on City of Covington, VA**
- **Low Flow Augmentation - Minimum Flow in Jackson River at Covington of 160 cfs (Dec/Jan) to 250 cfs (Jul), Release Temperature Regulation, and Maintaining Dissolved Oxygen Levels**
- **Recreation – Operations and maintenance of recreational areas transferred to US Forest Service in 1981 prior to completion of reservoir filling**

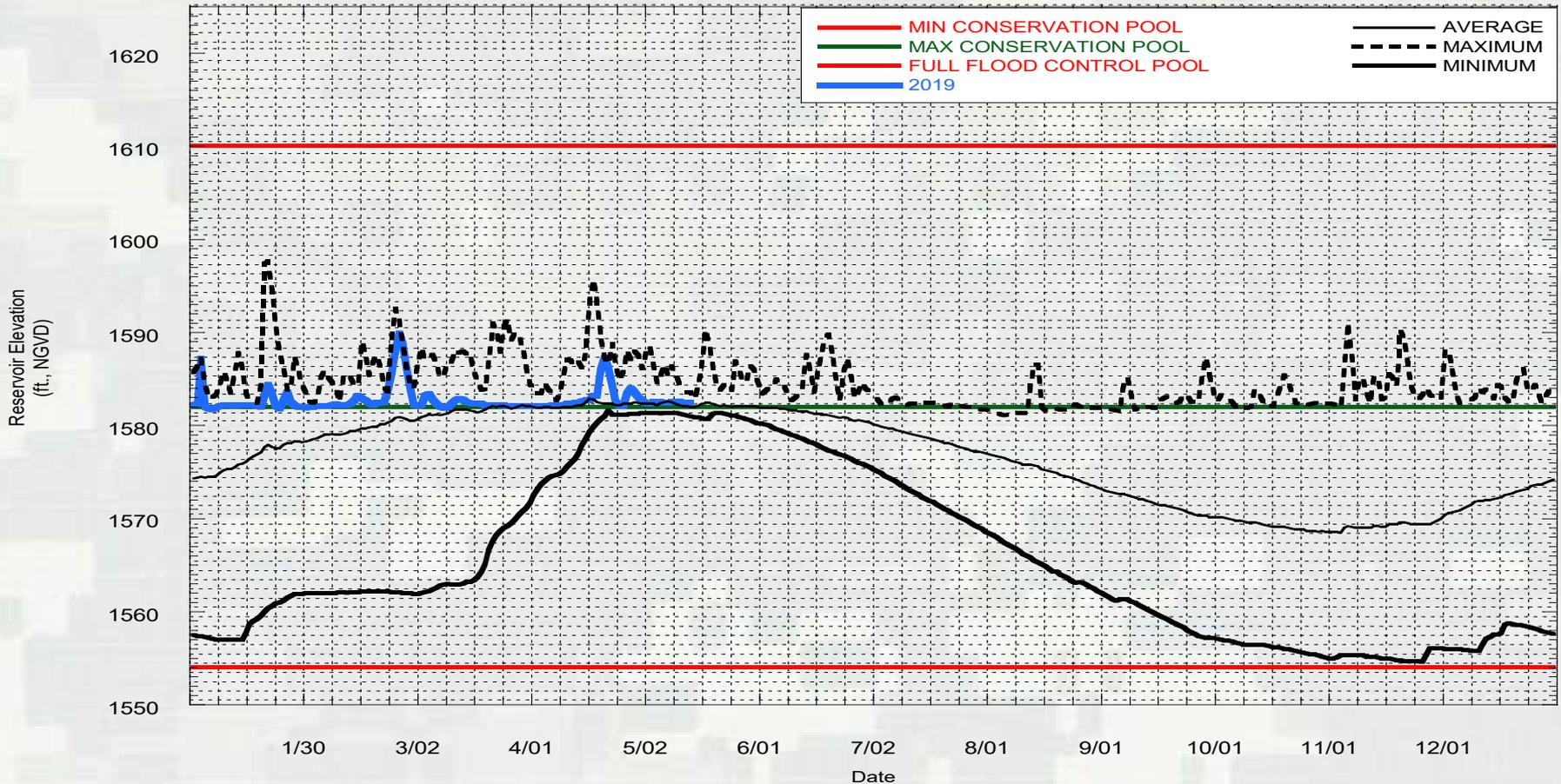


# Current Storage Allocations



# Reservoir Levels (Apr 1982 – May 2019)

## GATHRIGHT DAM AND LAKE MOOMAW PROJECT RESERVOIR ELEVATIONS



# WCM – Notifications & Release Information

- **Phone Recording Daily after 08:30  
(540) 965-4117**
- **Signage at Public Access Sites**
- **Social Media**
- **Project Notifications**
- **Predictive Releases via Web Site**

**<http://www.nao-wc.usace.army.mil/nao/index.html>**



# WCM – Notifications & Release Information

Basin Summaries

Albemarle Sound  
Chowan River  
James River  
Rappahannock River  
York River

Reservoir Plots

Gathright Dam

Gathright Releases

Additional Resources

National Weather Service  
Norfolk District Emergency Operations  
Norfolk District Home

Home

## Gathright Dam Releases

### CURRENT AND PROJECTED NEAR-TERM RELEASES

Updated: OCT 20, 2017

	20Oct2017 at 0700 hours	21Oct2017	22Oct2017	23Oct2017
Release	195 cfs	195 cfs	195 cfs	195 cfs
Streamgauge Stage	8.9 feet	8.9 feet	8.9 feet	8.9 feet

There Are No Plans To Change Releases Today.

Releases from Gathright Dam are made for a variety of purposes. The flow values cited above are the expected releases and may be increased or decreased without prior notice, depending on changing climatic and hydrologic conditions.

Reference location for the flow and streamgauge stage values is the USGS Streamgauge (02011800) located 0.5 miles downstream of Gathright Dam.



# WCM – Notifications & Release Information

Reference Releases and Stream Stages			
Release	Streamgage Stage	Release	Streamgage Stage
150 cfs	8.8 feet	2,500 cfs	11.8 feet
300 cfs	9.2 feet	5,000 cfs	13.3 feet
600 cfs	9.8 feet	7,500 cfs	14.4 feet
1,200 cfs	10.7 feet	10,000 cfs	15.3 feet

**Notes:**

- (1) Releases between 150 cfs and 1,200 cfs are made during non Flood Release Operations
- (2) Releases above 1,200 cfs are made during Flood Release Operations.

## 2019 PULSE RELEASE SCHEDULE

Pulse releases are scheduled for the following Wednesdays:

- JUNE 26
- JULY 24
- AUG 14
- SEP 4
- SEP 25
- OCT 16

**NOTES:**

These pulses, conducted by the Norfolk District in cooperation with the Virginia Department of Environmental Quality and the Virginia Department of Game and Inland Fisheries, will begin at approximately 6 a.m. and end at 1:30 p.m.

The peak pulse release will be 3,500 cfs and will increase levels 3 to 4.5 feet in the Jackson River.

Pulse releases are usually confirmed about 1 week in advance. Check this website regularly for updates.

